Waveski Launcher
Team Smile and Wave, Boys

Project Overview

Quality of Life + is an organization aiming to foster and generate innovations that aid and improve the quality of life for those who have served our country. After completing his military service in 1991, Mark Thorton was severely injured in an accident while working as a civilian contractor, leaving him paralyzed from the waist down. Despite this, Mr. Thorton has remained physically active, especially when it comes to being out in the ocean and surfing on his waveski. To make his surfing experience easier and more enjoyable, our team has been tasked to design, analyze and manufacture a waveski launching device. This will allow Mr. Thorton to enter and exit the ocean more independently, making his surf sessions easier, less complicated and more efficient. The waveski launcher will also be compatible with the motorized waveski being built for Mr. Thorton by another senior design team.

Manufacturing & Testing

Frame Fitting & Measurement
PVC Prototype
Beach Testing

Welding the Frame
Assembled Project

Team Members

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